

Notice of Allowability

Application No.

10/634,745

Examiner

Kamran Afshar, 571-272-7796

Applicant(s)

SEO, SANG-UK

Art Unit

2681

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☐ The drawings filed on ____ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

Kamran Afshar, 571-272-7796
Patent Examiner
Art Unit: 2681

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Drawings:

2. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: Figure 1 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

Allowable Subject Matter

3. Claims 1-16 are allowed.

The following is an examiner's statement of reasons for allowance: 1-16.

With respect to claim 1, Admitted Prior Art (APA) the closest prior art to the application invention, which discloses a technique for providing a reception limitation setup for a conventional mobile telephone in a voice call transmission. Further discloses an order qualification code (ORDQ) field of a release order and transmits it to the receiver mobile telephone (See e.g. Page 2, Paragraph [0004] & Fig. 1).

Morrow (U.S. Patent 5,881,060), discloses an integrated voice and packet data (dual mode) telecommunication system and allocating dual mode channel to one of voice communications and packet data communications (See e.g. Co. 2, Lines 20-30).

Mitsuoka (U.S. Patent 6,671,508 B1), discloses status notification method / system, for use in a mobile communication system (See e.g. Co. 7, Lines 60-63).

However, the prior art of record fails to disclose or render obvious that converting the receiving mobile terminal from a current mode of operation to a reception limitation mode of operation; determining whether the reception limitation mode of operation has been set up for the receiving mobile terminal when

Art Unit: 2681

a voice call is detected; providing bits corresponding to the reception limitation reason of the receiving mobile terminal based on an order qualification code (ORDQ) field of a release order; transmitting the bits corresponding to the reception limitation reason from the receiving mobile terminal to a base station when the reception limitation mode of operation has been set-up for the receiving mobile terminal; transmitting the received bits in the ORDQ field of the release order and from the base station to a calling mobile terminal; and providing notification at the calling mobile terminal of the reception limitation reason corresponding to the ORDQ bit value from the base station.

With respect to claim 9, the prior art of record fails to disclose or render obvious that convert from a current mode of operation to a reception limitation mode of operation, determine whether the reception limitation mode of operation has been set up for said receiving mobile terminal when a voice call is detected, provide bits corresponding to the reception limitation reason of the receiving mobile terminal based on an order qualification code (ORDQ) field of a release order, and transmit the bits corresponding to the reception limitation reason to the base station when the reception limitation mode of operation has been set up for the receiving mobile terminal; the base station being adapted to transmit the received bits in the ORDQ field of the release order to the calling mobile terminal; and the calling terminal being adapted to provide notification of the reception limitation reason corresponding to the received ORDQ bit value.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a) Ho-Yeon Lee (U.S. Pub. No.: 2004/0157606 A1), which discloses Automatic call connection method for a mobile communication terminal.

Art Unit: 2681

b) Hutchison, IV (U.S. Pub. No.: 2003/0211862 A1), which discloses Subscriber station with dynamic multi-mode service acquisition capability.

c) Chinmei Chen Lee (U.S. Pub. No.: 6,882,838 B1), which discloses Automatic call connection method for a mobile communication terminal.

d) Chaudry (U.S. Pub. No.: 2005/0064891 A1), which discloses Methods and apparatus for prioritizing voice call requests during data communication sessions with a mobile device.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Kamran Afshar whose telephone number is (571) 272-7796. The examiner can be reached on Monday-Friday.

If attempts to reach the examiner by the telephone are unsuccessful, the examiner's supervisor, **Feild, Joseph** can be reached @ (571) 272-4090. The fax number for the organization where this application or proceeding is assigned is **571-273-8300** for all communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Kamran Afshar


JOSEPH FEILD
SUPERVISORY PATENT EXAMINER

Prior Art

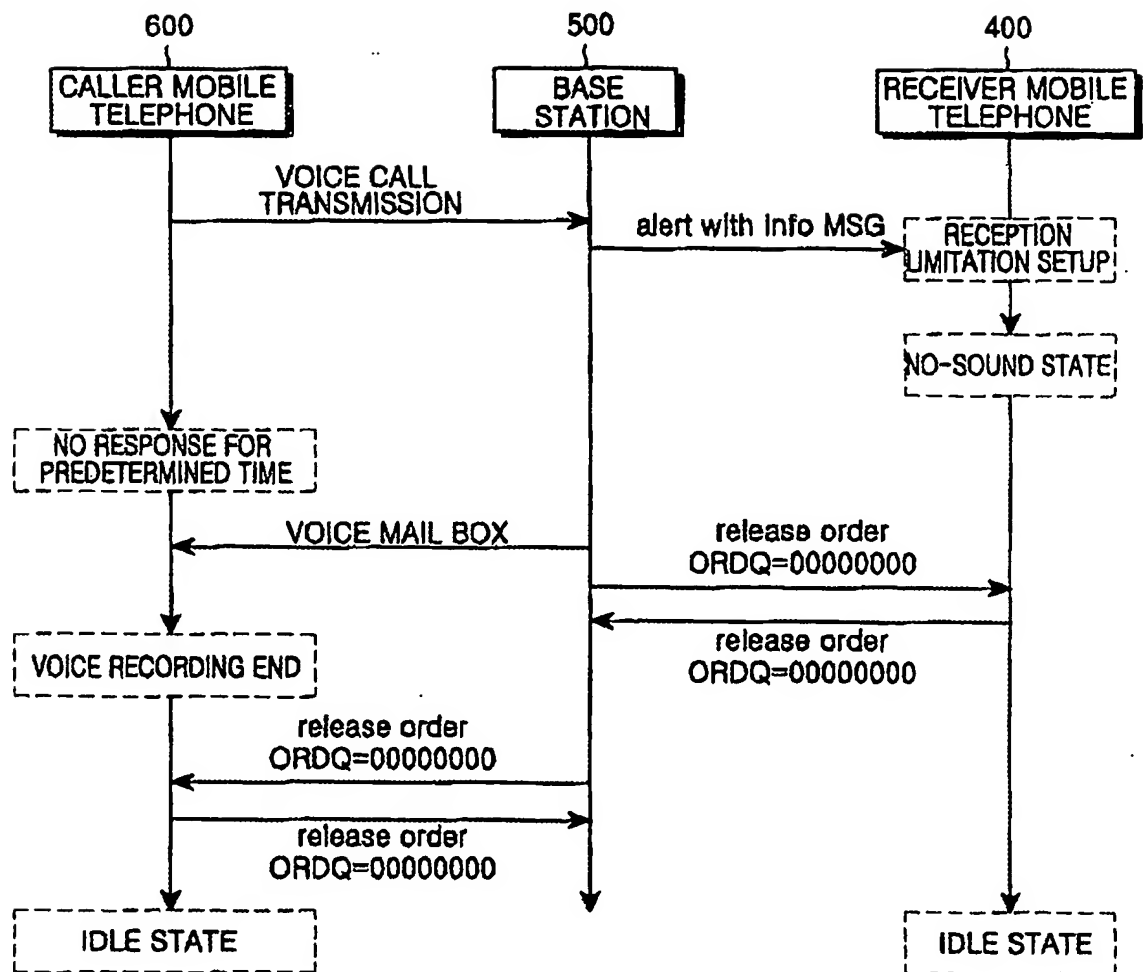


FIG.1